Professional Audio

dB TECHNOLOGIES
THE SOUND OF EXPERIENCE

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www.dbtechnologies.com

The Sound of Experience

A.E.B. Industriale SRL, the manufacturer of dBTechnologies products is shaped by the engineering and the spirit of the owner and founder Arturo Vicari. The passion for audio and technology is the key to success for dBTechnologies, from research & development to production and distribution.

Our worldwide network of production and distribution, coordinated through our head office in Bologna/Italy, guarantees a cost effective production and a superb customer service. When developing our products, it is vital to us to be able to offer an innovative, flexible and reliable product which suits highest professional demands, all for an affordable price.

High investments into R&D enable us to fulfil the professional demands of our customers. With innovative ideas and high motivation, our young R&D team around head designer Claudio Ottani works day and night to provide you with the most outstanding products using our well known audio design.

Quality management is one of the top priorities of dBTechnologies. With the utmost care for quality during the manufacturing process and several audio tests over many hours with the finished product, we guarantee a continuously high quality and reliability.

We are very sure that we can offer you one of the best products on the market. See, feel and hear for yourself! Check our products out with the most dynamic and fragile instrument of the world - your own voice.

You will be convinced!

Features

_ More power, less weight
_ Multiplex housing
_ Versatile and robust

Technology

_ **digipro®** - Digital Amplifier
_ SMPS
_ DSP
_ Dual Active Limiter
_ Multifunctional Housing
_ Bi-Amp
_ Asymmetrical Horn
_ Rigging Points
_ Rotatable Horn

Flexsys – Adapts to anything!

The Flexsys line offers a tailored solution for every application, be it in the guise of a fullrange cabinet, a satellite in combination with SUB 15D or SUB 18D subwoofers, a stage monitor, or part of a permanently installed system. Equipped with the latest high-end audio features such as an on-board DSP and bi-amped digital power amps, it is phenomenally easy to handle. Readily configurable to satisfy the individual needs of discerning musicians and DJs, Flexsys sets performance and reliability standards for its class.

Flexsys F8

Flexsys F10

Flexsys F12

Flexsys F15

Flexsys F212

Flexsys F315

Flexsys FM8

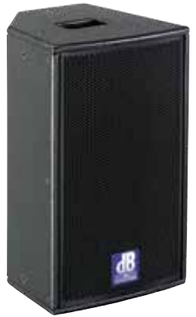
Flexsys FM10

Flexsys FM12

Flexsys F8

2-Way Active Speaker 8“/1“ 200 W

The Flexsys F8 is a two-way mid-/high-range unit designed especially for use in a fully active configuration with added subwoofers. Loaded with an 8” woofer and a 1“ driver, it delivers clear, richly detailed response across the midrange and top end.



Specifications

- 8“ woofer
- 1“ neodym compr. driver
- 90/40°x60°asym. CD horn
- 150 + 50 W/RMS **digipro®**
- 90 – 19000 Hz (+/-3dB)
- Max. SPL: 121 dB
- 24 bit 48 kHz DSP
- Line / Mic input / XLR / jack
- Multifunctional housing
- 10x M8 rigging points
- Weight: 9.5 kg
- Dimensions (WxHxD): 260 x 420 x 260 mm

Flexsys F10

2-Way Active Speaker 10“/1“ 200 W

The F10 not only offers the best size-to-performance ratio, it is also very versatile. Sporting a 10“ woofer, it can also serve as a fullrange enclosure for smaller applications.

Specifications

- 10“ woofer
- 1“ neodym compr. driver
- 90/40°x60°asym. CD horn
- 150 + 50 W/RMS **digipro®**
- 80 – 19000 Hz (+/-3dB)
- Max. SPL: 125 dB
- 24 bit 48 kHz DSP
- Line / Mic input / XLR / jack
- Multifunctional housing
- 12xM8 rigging points
- Weight: 12 kg
- Dimensions (WxHxD): 300 x 483 x 300 mm

Flexsys F12

2-Way Active Speaker 12“/1“ 400 W

The two-way enclosure loaded with a 12“ speaker is so frequently used for sound reinforcement applications that it has become a de facto standard.

Specifications

- 12“ woofer
- 1“ compr. driver
- 90x40° asym. CD horn
- 300 + 100 W/RMS **digipro®**
- 75 – 19000 Hz (+/-3dB)
- Max. SPL: 127 dB
- 24 bit 48 kHz DSP
- Line / Mic input/ XLR / jack
- Multifunctional housing
- 12xM10 rigging points
- Weight: 16.5 kg
- Dimensions (WxHxD): 360 x 610 x 360 mm

Flexsys F15

2-Way Active Speaker 15“/1“ 400 W

The Flexsys F15 is a great choice for rendering canned music as well as for reinforcing electronic instruments such as keyboards. Thanks to its rotatable high-frequency horn and integrated rigging points, the Flexsys F15 is also an excellent fit for permanent installation.

Specifications

- 15“ woofer
- 1“ compr. driver
- 90x40° asym. CD horn
- 300 + 100 W/RMS **digipro®**
- 60 – 19000 Hz (+/-3dB)
- Max. SPL: 128 dB
- 24 bit 48 kHz DSP
- Line / Mic input/ XLR / jack
- Multifunctional housing
- 12xM10 rigging points
- Weight: 20 kg
- Dimensions (WxHxD): 430 x 680 x 430 mm

FLexsys F212
2-Way Active Speaker 2x12“/1“ 750 W

The F212 is an active two-way system with considerable reach. A very efficient and powerful mid-/high-range unit, it was designed to be combined with active subwoofers to construct high-performance PA systems.

Specifications

- 2 x 12” woofer
- 1“ RCF neodym compr. driver
- 60x40° asym. CD horn
- 500 + 250 W/RMS **digipro®**
- 65 – 19000 Hz (+/-3dB)
- Max. SPL: 132 dB
- 24bit 48 kHz DSP
- Line/ XLR
- Clusterfähig
- 12xM10 rigging points
- Weight: 31.5 kg
- Dimensions (WxHxD): 360 x 930 x 500mm

FLexsys F315
2-Way Active Speaker 15“/6,5“/1“ 1000 W

The F315 is an active three-way system designed to render the full frequency range. Powerful and assertive, it delivers the sonic goods without requiring an added subwoofer.

Specifications

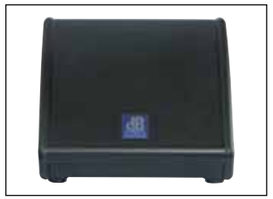
- 15“ woofer
- 6.5” Hornloaded mid range
- 1“ compr. driver
- 90x40° CD horn
- 500 + 500 W/RMS **digipro®**
- 60 – 19000 Hz (+/-3dB)
- Max. SPL: 131 dB
- 24bit 48 kHz DSP
- Line/ XLR
- 12xM10 rigging points
- Weight: 31 kg
- Dimensions (WxHxD): 440 x 880 x 500mm

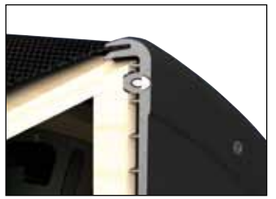
Active Coaxial Stage Monitors

A revolution in live sound reinforcement, the Flexsys FM Series comprises a range of tailored monitoring solutions featuring innovative technologies. Housed in compact multifunctional enclosures, these units raise the bar for intelligibility, definition, and ease of use. They are the discerning user’s first choice when nothing less than the best on-stage monitoring will do.

Coaxial speakers – Remarkably resistant to feedback

These newly developed coaxial speakers deliver extraordinary sound quality that defies the compact design of their housings. Engineered for precise directivity and uniform throw patterns, they provide the same satisfying audio experience at every listening position, with far greater resistance to feedback.





H.E.T™ (Hybrid Enclosure Technology) - Exceptionally light and remarkably rugged

Developed by dBTechnologies, H.E.T™ housings are made of premium-quality multiply wood with a hardwearing, durable, and scratch-resistant coating. Tough, rugged plastic side panels provide excellent protection for the housing as well as integrated grips, pole mount, and electrical connectors for utmost handling convenience and safety. The enclosures may be tilted at two different angles for accurate sound-to-audience alignment.

digipack™ digital amplifiers — from a world leader in technology

Our fully integrated digipack™ modules were developed specifically for use in very compact active systems, based on the innovative technology designed for our **digipro®** power amps and used in our high-end DVA and DVX series products.

The **digipack™** power amp modules are rated at more than 90% efficient, that means that they have no need of built-in fans and are extremely reliable and stable in operation. Moreover, **digipack™**'s components are protected by our tried and tested built-in limiters, and our carefully designed circuitry ensures that the output remains even and transparent — the most important qualities for maximum listening pleasure — even in noisy environments.

DSP with eight presets for easy adaptation to varying requirements

FM Series monitors feature a powerful DSP that offers a crossover, digital multiband limiters, phase correction, and eight variable presets that serve to adapt the monitor to the varying demands of vocalists, instrumentalists, and audio playback applications.

Flexsys FM 8

Active Coaxial Stage Monitor 8"/1" 100 W

Designed for small stages, the FM 8 sports an 8" woofer that makes it the ideal ultra compact monitor for speech and vocals. All but invisible in most venues, this inconspicuous compact monitor integrates into every setting, and its light weight makes it so easy to tote.

Specifications

- 8"/1" Coaxial speaker
- 75 W + 25 W Class-D **digipack™**
- 77 – 20000 Hz (+/-3dB)
- Max. SPL 117 dB
- Integrated 24 bit DSP
- 8 Presets
- H.E.T™ housing
- Two set-up angles
- Integrated pole mount
- Dimensions (WxHxD): 280 x 290 x 410 mm
- Weight: 9,8 kg

Flexsys FM 10

Active Coaxial Stage Monitor 10"/1" 200 W

The FM 10 renders vocals with such remarkable power, dynamics, and precision that it can serve as a compact fullrange system. This and its extended bass response make it the ideal monitor for vocals and keyboards.

Specifications

- 10"/1" Coaxial speaker
- 160 W + 40 W Class-D **digipack™**
- 72 – 20000 Hz (+/-3dB)
- Max. SPL 120 dB
- Integrated 24 bit DSP
- 8 Presets
- H.E.T™ housing
- Two set-up angles
- Integrated pole mount
- Dimensions (WxHxD): 370 x 290 x 410 mm
- Weight: 12,8 kg

Flexsys FM 12

Active Coaxial Stage Monitor 12"/1" 300 W

The FM 12 is the first choice for demanding musicians and DJs who work in loud environments. Featuring a 12" woofer and considerable power handling capability, it is well equipped for use as a powerful fullrange monitor. The FM 12 packs an assertive punch, rendering lead vocals, guitars, electronic instruments, and playback tracks with power and authority.

Specifications

- 12"/1" Coaxial speaker
- 240 W + 60 W Class-D **digipack™**
- 67 – 20000 Hz (+/-3dB)
- Max. SPL 126 dB
- Integrated 24 bit DSP
- 8 Presets
- H.E.T™ housing
- Two set-up angles
- Integrated pole mount
- Dimensions (WxHxD): 450 x 290 x 410 mm
- Weight: 17 kg

Flexsys Gala System

High dynamics, powerful low-end

GALA and CONCERT are remarkably compact systems that may be combined and extended flexibly with diverse add-ons.
And that makes them the perfect sound reinforcement solutions for demanding applications requiring a high-performance system that is easy to set up and transport even in very limited space.

Specifications

- Active 3-Way-System
- 4700 W/RMS
- 2 x Flexsys F212, active 2x12“/
- 1“ speaker with 750 W each
- 4 x SUB15 D, active 15“ subwoofer with 800 W each

Flexsys Concert System

Powerful to the last row

Thanks to the remarkably compact size and extended flexibly, the Flexsys CONCERT system is the perfect sound reinforcement solution for applications demanding a high-performance system that is easy to set up and transport even in very limited space.

Specifications

- 3way Active System
- 5500W/RMS
- 2 x Flexsys F12
- 2 x SUB 18 D

Presenter-System

3-Way Active-System

This tried-and-true satellite system consists of two F8 mid-/high-range units and one SUB 12D subwoofer. Able to deliver powerful performance in a small and light package, it is sure to delight entertainers and DJs.

Specifications

- 3-Way Active System
- 800W/RMS
- 2 x Flexsys F8
- 2 x SUB 12 D

Active Subwoofers

Event System
3-Way Active-System

This compact PA for club gigs comprises two F10 mid-/high-range units and two SUB 05D subwoofers.

Specifications
- 3-Way Active System
- 1200W/RMS
- 2 x Flexsys F10
- 2 x SUB 05 D

Band System
3-Way Active-System

This classic power pack for bands and rental companies comprises two F12 mid-/high-range units and two SUB 15D subwoofers tweaked to deliver high performance and offer flexible application options.

Specifications
- 3-Way Active System
- 2400W/RMS
- 2 x Flexsys F12
- 2 x SUB 15 D

The **Subwoofer** Company

dBTechnologies is well known for its remarkable active subwoofers with outstanding performance, combining powerful and precise subsonic reproduction with excellent tonal quality. The dBTechnologies' bandpass design guarantees a well balanced reproduction of sound but adding a few dB SPL extra, compared to regular bass-reflex designs. The result is maximum performance, out of a very compact and lightweight enclosure.

Active Crossover – Easy Setup

All powered subwoofers are equipped with an active crossover, which can operate in Mono or Stereo mode, providing all combinations for applications with one or more subwoofers.

digipro® digital amplifiers – More power and less weight

With digital power amps lightening the load, toting and setting up these bins is an exercise in convenience. This handling ease is an asset users are sure to value, particularly those frequently tasked to set up and tear down systems for live applications.

H.E.T™ (Hybrid Enclosure Technology)*

Exceptionally light and remarkably rugged

Developed by dBTechnologies, H.E.T™ housings are made of premium-quality multiply wood with a hardwearing, durable, and scratch-resistant coating. Tough, rugged plastic side panels provide excellent protection for the housing as well as integrated grips and electrical connectors for utmost handling convenience and safety.

*) SUB 12 D and SUB 05 D

SUB 12 D
Active 12“ Subwoofer

Equipped with a 400W/RMS digital power amp, the SUB 12 D is the perfect complement to 8“ or 10“ speaker systems for users looking to set up small but assertive satellite systems that deliver exceptional performance. Featuring compact dimensions and the innovative H.E.T™ housing, this unit is easy to transport and set up. Connecting satellites is an exercise in convenience thanks to an integrated digital crossover (DSP) with adjustable frequency.

Specifications

- 12” Woofer
- 400 W/RMS Class-D **digipack™**
- 40 Hz- 150 Hz
- Max. SPL 127 dB
- 24 bit DSP with stereo X-Over
- Switchable x-over frequencies
- Phase Reverse
- 2x Line Input/ XLR
- Pole Mount
- Dimensions (WxHxD): 390 x 515 x 500 mm
- Weight: 19 kg

SUB 05 D
Active 15“ Subwoofer

The 400W/RMS SUB 05 D is an excellent choice for extending 10“ and 12” loudspeakers’ range. It packs the kind powerful low-end punch necessary for contemporary sounds and pumps out plenty of SPL for live applications. The unit connects easily and quickly courtesy of a built-in digital stereo crossover (DSP) with adjustable frequency and a phase inversion switch. Housed in the newly developed H.E.T™ enclosure featuring integrated control features, this rugged cabinet tough enough to stand up to the rigors of transport.

Specifications

- 15” Woofer
- 400 W/RMS Class-D **digipack™**
- 30 Hz- 150 Hz
- Max. SPL 129 dB
- 24 bit DSP with stereo X-Over
- Switchable x-over frequencies
- Phase Reverse
- 2x Line Input/ XLR
- Pole Mount
- Dimensions (WxHxD): 490 x 515 x 610 mm
- Weight: 27 kg

SUB 15D
Active 15“ Subwoofer

Loaded with 15” woofer and featuring band-pass cabinet, the SUB 15D is a remarkably agile and responsive speaker system. Driven by an on-board **digipro®** digital power amp, this bin packs a powerful low-end punch perfect for rendering kick drums with high SPL.

Specifications

- 15“ Woofer, 3” v.c.
- 800 W/RMS **digipro®**
- SMPS with PFC
- Powercon In and Out
- 40 – 90/120 Hz (+/-3dB)
- Max. SPL: 133 dB
- Stereo active x-over
- 2x Line input/ XLR
- M20 pole mount
- Weight: 32 kg
- Dimensions (WxHxD): 436 x 600 x 600mm

SUB 18D
Active 18“ Subwoofer

The SUB 18D is the first-choice bass bin for users seeking powerful punch and ultra low-end response. Fine-tuned to augment and amplify the high-power 18” woofer’s audio performance, this custom engineered band-pass enclosure outperforms conventional bass-reflex designs, achieving higher peak levels.

Specifications

- 18“ Woofer, 4” v.c.
- 1000 W/RMS **digipro®**
- SMPS with PFC
- Powercon In and Out
- 35 – 90/120 Hz (+/-3dB)
- Max. SPL: 134 dB
- Stereo active x-over
- 2x Line input/ XLR
- 2x M20 pole mount
- Weight: 42 kg
- Dimensions (WxHxD): 530 x 700 x 600mm

Features

_ More power, less weight

Technology

_ **digipro®** - Digital Amplifier
_ SMPS
_ Bi-Amp
_ DSP
_ Dual Active Limiter
_ Multifunctional Housing
_ PP Housing
_ Asymmetrical Horn
_ Low-Noise-Reflex-Ports

OPERADIGITAL – The driving force

A decade after the original OPERA line's debut, we now present the new OPERA DIGITAL series, a line of systems boasting many features unprecedented in this price range. Check out the new OPERA DIGITAL series and compare it with other speaker systems. You will find that **dB**Technologies' engineers have again succeeded in creating products that deliver performance unrivalled in this price range. These affordable products put state-of-the-art technologies, exceptional audio properties attributes, and maximum user benefit within your easy reach.

Products bearing the **dB**Technologies brand stand out from the crowd because in almost every case we design and develop each component specifically for the given product. And that is the key to their extraordinary performance.
We manufacture all components of an OPERA DIGITAL system in-house or source them from trusted partners of long standing. **dB**Technologies quality assurance experts rigorously monitor the production process. Final assembly takes place at our home base in Bologna, Italy, where we burn in speakers and test every enclosure extensively for several hours before it ships.

digipro® digital power

This painstaking attention to detail has made the OPERA series one of the most successful and most frequently copied speaker systems. Whereas many other loudspeaker makers have outsourced their production to the Far East, **dB**Technologies prefers to stick to our tried-and-true business model. We leverage leading-edge technologies and proven manufacturing processes to continue making quality products in Italy that deliver unprecedented performance for the price

OPERA 208 D

That's how big small can be.

The OPERA family has grown! And it didn't take much deliberation for dBTechnologies' development department to come up with a deserving new addition to the line. With the benefit of a high-quality woofer andpowerful **digipro®** power amp, our engineers had a head start and soon came up with a phenomenally efficient 8" speaker that can easily take on any 10" competitor. Try out the OPERA 208 D and experience how big small can be.

Specifications

- 8" woofer
- 1" neodym compr. driver
- 80/65°x60°asym. CD horn
- 150 + 50 W/RMS **digipro®**
- 78 – 19000 Hz (+/-3dB)
- Max. SPL: 121 dB
- 24bit 48 kHz DSP
- Line/ Mic input/ XLR/jack
- Multifunctional housing
- Weight: 8.4 kg
- Dimensions (WxHxD): 300 x 484 x 284 mm

OPERA 210 D

Setting a new standard for the 200-watt 12" class.

dBTechnologies has raised the industry bar for 12"/1" systems in the 200-watt class. The new OPERA 210 D delivers performance to rival comparable 12" enclosures. Best of all, it does this with a far more compact housing and exceptionally true impulse response. Courtesy of its compact dimensions and clean frequency response, the OPERA 210 D is also an excellent and cost-efficient choice of floor monitor.

Specifications

- 10" woofer
- 1" neodym compr. driver
- 80/65°x60°asym. CD horn
- 150 + 50 W/RMS **digipro®**
- 71 – 19000 Hz (+/-3dB)
- Max. SPL: 122 dB
- 24 bit 48 kHz DSP
- Line/ Mic input/ XLR/jack
- Multifunctional housing
- Weight: 9.8 kg
- Dimensions (WxHxD): 343 x 553 x 304mm

OPERA 410 D

Rewardingly compact, remarkably loud.

Sporting a 400-watt RMS **digipro®** power amp, the OPERA 410 D delivers high sound pressure levels, excellent audio resolution, and a powerful low-end punch. Exceeding expectations for such a compact cabinet, the 410 D is one of the highlights of the line, standing out even among the more powerful OPERA DIGITAL enclosures.

Specifications

- 10" woofer
- 1" compr. driver
- 80/65°x60°asym. CD horn
- 300 + 100 W/RMS **digipro®**
- 70 – 19000 Hz (+/-3dB)
- Max. SPL: 127 dB
- 24 bit 48 kHz DSP
- Line/ Mic input/ XLR/jack
- Multifunctional housing
- Weight: 10.6 kg
- Dimensions (WxHxD): 343 x 553 x 304mm

OPERA 402 D

From ordinary to extraordinary.

With 33% higher power output than its predecessor model, the OPERA 402 D delivers even more performance in an even lighter package. Set it up as a stand-alone fullrange enclosure or in combination with subwoofers; use it FOH or as a monitor. But whatever you choose to do with it, you will discover that the OPERA 402 D's performance transforms the ordinary 12"/1" system into something extraordinary indeed.

Specifications

- 12" woofer
- 1" compr. driver
- 80/65°x60°asym. CD horn
- 300 + 100 W/RMS **digipro®**
- 65 Hz- 19000 Hz (+/-3dB)
- Max. SPL: 128 dB
- 24 bit 48 kHz DSP
- Line/ Mic input/ XLR/jack
- Multifunctional housing
- Weight: 14.1 kg
- Dimensions (WxHxD): 432 x 655 x 353mm

OPERA 405 D

The top seller in top form.

Our best-selling OPERA model now comes with 100 watts more power for even greater dynamic range. That makes it the model of choice for applications demanding punchy low end without an added subwoofer.

Specifications

- 15“ woofer
- 1“ compr. driver
- 80/65°x60°asym. CD horn
- 300 + 100 W/RMS **digipro®**
- 58 – 19000 Hz (+/-3dB)
- Max. SPL: 129 dB
- 24bit 48 kHz DSP
- Line/ Mic input/ XLR/jack
- Multifunctional housing
- Weight: 14.5 kg
- Dimensions (WxHxD): 432 x 655 x 353mm

OPERA 610 D

High-End Power.

The impressive punchy low end of this speaker at high sound pressure levels, compared to its size and weight of less than 10 kg; presents a record breaking bench mark in the class of compact full range loudspeakers. Due to the 600W/RMS **digipro®** digital power amp, high class neodymium components and the 24bit sound processor, the Opera 610 D offers high end sound reproduction for demanding musicians and DJs.

Specifications

- 10“neodym woofer
- 1“ neodym compr. driver
- 80/65°x60°asym. CD horn
- 400 + 200 W/RMS **digipro®**
- 60 – 20.000 Hz (-10dB)
- Max. SPL: 128 dB
- 24 bit 48 kHz DSP
- Line/ Mic Input/ XLR/jack
- Multifunctional housing
- Weight: 9.9 kg
- Dimensions (WxHxD): 343 x 553 x 304mm

OPERA 602 D

Entering a new sonic dimension.

Equipped with 600 W/RMS, a high-quality neodymium woofer for tight, articulate bass response, and a top-notch neodymium driver with a 1.4“ titanium cone, the OPERA 602D taps a new dimension in compact yet affordable active speakers.

Specifications

- 12“neodym woofer
- 1“ neodym compr. driver
- 80/65°x60°asym. CD horn
- 400 + 200 W/RMS **digipro®**
- 68 – 19000 Hz (+/-3dB)
- Max. SPL: 129 dB
- 24 bit 48 kHz DSP
- Line/ Mic input/ XLR/jack
- Multifunctional housing
- Weight: 12.4 kg
- Dimensions (WxHxD): 432 x 655 x 353mm

OPERA 605 D

Why not have it all.

The OPERA 605 D cab has a lot going for it - a 600-watt **digipro®** power amp, a muscular 15“ neodymium woofer for punchy low-end response, a premium-grade neodymium driver with a 1.4 titanium voice coil for crystal-clear top end, an integrated DSP, and a switched-mode power supply. It is not only the flagship of the OPERA DIGITAL series, but also the top model in this entire class of enclosures.

Specifications

- 15“neodym woofer
- 1“ neodym compr. driver
- 80/65°x60°asym. CD horn
- 400 + 200 W/RMS **digipro®**
- 58 – 19000 Hz (+/-3dB)
- Max. SPL: 130 dB
- 24 bit 48 kHz DSP
- Line/ Mic input/ XLR/jack
- Multifunctional housing
- Weight: 12.9 kg
- Dimensions (WxHxD): 432 x 655 x 353mm

Entertainer SD

3-Way Active System with 800W/RMS

Small, compact and easy to handle.
The system for single acts and parties.

Specifications
- 800 W/RMS
- 2 x OPERA 210 D
- 1x SUB 05 D

Entertainer MD

3-Way Active System with 1200W/RMS

Fully digital, small in size with
a powerful low end.

Specifications
- 1200 W/RMS
- 2 x OPERA 410 D
- 1x SUB 15 D

Entertainer XD

3-Way Active System with 1800W/RMS

High output power, for small to medium
Live applications and DJ's.

Specifications
- 1800W/RMS
- 2 x OPERA 402 D
- 1x SUB 18 D

Club XD 8

3-Way Active System with 1200W/RMS

Compact full range PA
for small applications of all kinds.

Specifications
- 1200 W/RMS
- 2 x OPERA 210 D
- 2 x SUB 12 D

Club XD 10

3-Way Active System with 2400W/RMS

Ready for Rock´n´Roll. Ideal
for small stages and theatres.

Specifications
- 2400W/RMS
- 2 x OPERA 410 D
- 2 x SUB 15 D

Club XD 12

3-Way Active System with 2400W/RMS

Powerful System for Bands and DJ´s,
for clubs or small outdoor events.

Specifications
- 2400W/RMS
- 2 x OPERA 402 D
- 2 x SUB 15 D

Club XD 15

3-Way Active System with 3200W/RMS

Huge sound, small footprint. For those
who need a little more. Just Great!

Specifications
- 3200W/RMS
- 2 x OPERA 605 D
- 2 x SUB 18 D

Technology

_ digipack™ Digital Amplifer
_ Bi-Amp
_ DSP
_ Dual Active Limiter
_ Asymmetrical Horn
_ Low-Noise-Reflex-Ports
_ Multifunctional Housing
_ PP Housing

cromo

The Cromo Series offers powered loudspeakers with modern digital technology for first time users, without having to miss out on professional features and outstanding audio performance. The Cromo Series features the ultra compact digipack digital power amplifiers, based on the successful **digipro©** amp technology for maximum efficiency. The integrated digital sound processor (DSP) caters for perfect sound calibration of the individual speaker components. All in all, true professional features, unique in its class and setting new standards in entry level speaker lines.

The compact multifunctional housing of the Cromo speaker line, with asymetrical CD horns, can be used for many different applications, such as live events, a public address system for a singer, for monitoring purposes on stage, or for fixed installations in Bars or lounges. All Cromo models have a microphone input on XLR and jack sockets for maximum flexibility.

Cromo 8

Cromo 10

Cromo 12

Cromo 8
8“/1“ Active Speaker

Equipped with a 8“ woofer and a 1“ driver, it is the ideal loudspeaker for background music or speach. The Cromo 8 can be easily extended to a compact system by using one of our subwoofers, such as the SUB 12.

Specifications

- 8“ woofer
- 1“ neodym driver
- 90/70°x60°asym. CD horn
- 80 + 20 W/RMS
- 68 – 20.000 Hz (-10dB)
- Max. SPL: 118 dB
- 24bit 48 kHz DSP
- Line / Mic input / XLR / jack
- Multifunctional housing
- Weight: 7,8 kg
- Dimensions (WxHxD): 270 x 435 x 252mm

Cromo 10
10“/1“ Active Speaker

Thanks to the 10“ woofer and more power, the Cromo 10 already covers the entire frequency range. It can therefore be used as a compact PA system for vocals and accompanying instruments for small events.

Specifications

- 10“ woofer
- 1“ compr. driver
- 90/70°x60°asym. CD horn
- 140 + 40 W/RMS
- 65 – 20.000 Hz (-10dB)
- Max. SPL: 121 dB
- 24bit 48 kHz DSP
- Line / Mic input / XLR / jack
- Multifunctional housing
- Weight: 12 kg
- Dimensions (WxHxD): 320 x 508 x 297mm

Cromo 12
12“/1“ Active Speaker

The classic combination of a 12“ woofer and a 1“ compression driver and due to the extended frequency range and high SPL, this speaker can be used as a powerful full range system, for all kinds of live or playback music.

Specifications

- 12“ woofer
- 1“ neodym driver
- 90/70°x60°asym. CD horn
- 240 + 60 W/RMS
- 55 – 20.000 Hz (-10dB)
- Max. SPL: 126 dB
- 24bit 48 kHz DSP
- Line / Mic input / XLR / jack
- Multifunctional housing
- Weight: 18.5 kg
- Dimensions (WxHxD): 402 x 615 x 356mm

K70

2-Way Active Speaker 5 / Tweeter 50 W

The K-Series is range of compact active speakers for versatile applications like mobile use or fixed installations. The K70 has a multifunctional housing with a special shaped backside for monitor use.
The K70 is equipped with a 5“ woofer and a tweeter. The integrated amplifier provides 50W/RMS and is equipped with an integrated limiter for maximum reliability.

Specifications

- Compact 2-Way active speaker
- 5“ Woofer + Tweeter
- 50 W/RMS
- 100 - 16.000 Hz
- Mic-/Line, XLR-Jack Input
- 2 x RCA Chinch Input
- SPL max. 101 dB
- Dimensions: 170 x 270 x 185mm
- Weight: 3,5 kg

K162

2-Way Active Speaker 2x 6.5“/ Tweeter 65 W

The K-Series is range of compact active speakers for versatile applications like mobile use or fixed installations. The K162 has a multifunctional housing with a special shaped backside for monitor use.

Specifications

- Compact 2-Way active speaker
- 2 x 6.5“ Woofer + Tweeter
- 65 W/RMS
- 85 - 18.000 Hz
- Mic-/Line, XLR-Jack Input
- 2 x RCA Chinch Input
- SPL max. 110 dB
- Dimensions: 210 x 350 x 270mm
- Weight: 5,5 kg

K300

2-Way Active Speaker 2x 6.5“/ 1“ 120 W

The most powerful compact cabinet in its class, the K300 is chock-full of innovative technologies. Housed in an ultra compact enclosure, its **digipro®** bi-amped digital power amp delivers high performance and sound pressure levels. The 1“ HF driver renders midrange frequencies with pinpoint precision, and its response is richly detailed.
The integrated DSP further enhances clarity and accuracy, and protects components using digital limiters.

Specifications

- Compact 2-way active speaker cabinet
- **digipro®** bi-amp digital power amp
- 80 W/RMS + 40 W/RMS
- Integrated DSP 24bit / 48 kHz
- 2x 6,5“ Neodym-Woofer
- 1“ 1“ HF driver
- 80° x 60° CD Horn
- 70 Hz- 19 kHz
- SPL Max. 118 dB
- Mic/Line, XLR-Jack Input
- 2x RCA Chinch Input
- 4xM5 flying points
- Dimensions: 210 x 350 x 270 mm
- Weight: 5 kg

L160

Active Speaker 2x5“ 160W

The L160 was designed for portable or installed applications. The L160 comes in a compact enclosure which can be wall mounted, used free-standing or mounted on a microphone stand. L160 features two full range, 5“ double cone loudspeakers with mechanical phase correction. The tailored frequency response makes it ideal for speech and music reproduction. Featuring soft-clip limiters for total protection against overloading, this compact loudspeaker has both microphone and line-level signal inputs via a combo XLR/1/4“ jack connector.

Specifications

- Compact active speaker
- 65 W/RMS – 160 W (peak)
- 2x5“ woofer
- 65 Hz- 18 kHz
- Inputs: Neutrik Combo, jack,
- XLR, RCA Chinch
- Outputs: XLR, RCA Chinch
- 2x RCA Chinch Input
- SPL Max. 110 dB
- Dimensions: 195 x 195 x 317 mm
- Weight: 4,6 kg

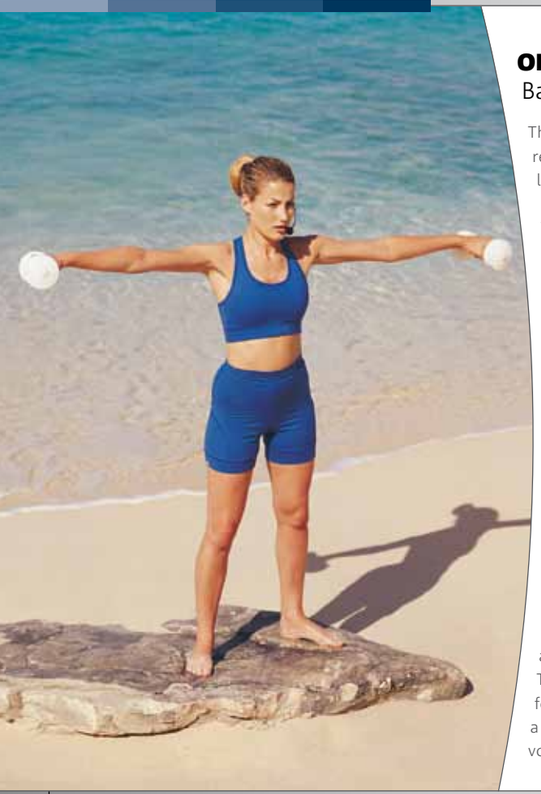
TWIN 128 - TWIN 128 White

Active Speaker 2x8“ 160 W

The TWIN series consists of two models with identical measurements. The TWIN 128/228 is equipped with 2 x 8” woofers in combination with a 1” tweeter. The overall mechanical design, with its full front metal grill, make this enclosure particularly suitable for fixed installations and touring applications.

Specifications

- 2-way BiAmp active speaker
- 2 x 8“ Bass / 1“ HF 90°x60°
- 70+20 W/RMS, 180 W/PRG
- Freq. response: 80-18,000 Hz
- Max. SPL: 118 dB
- Multifunctional housing
- Combined XLR/ jack input
- Mic-/Line input, switchable
- XLR parallel output
- Dynamic limiter
- Weight: 10 kg / 22 lb
- Dimensions: 312 x 550 x 280
- 4xM5 flying points



OPERA 110 Mobile

Battery Powered Active Speaker 10“/1“ 90W

The compact active OPERA 110 mobile loudspeaker with integrated mixer, optional wireless UHF receiver, and swtichable powering through the integrated A/C, 12V or normal 230V power supply. Maximum flexibility, easy to use with endless application possibilities.

The specially designed power amplifier with auto-sleep mode allows powering, regardless of the volume level for up to 12 hours. There are inputs for mics, CD player, or laptop, which can be separately adjusted. For the voltage supply of a portable CD player or a slave unit, a power socket with adjustable voltage is available on the control panel.

The specially designed power amplifier with auto-sleep mode allows powering, regardless of the volume level for up to 12 hours. There are inputs for mics, CD player, or laptop, which can be separately adjusted. For the voltage supply of a portable CD player or a slave unit, a power socket with adjustable voltage is available on the control panel.

Multi-Purpose

If you need several loudspeakers, you can drive as many OPERA 110 MOBILES as you like from only one transmitter, within the possible range of the transmitter. The range of the transmitter is between 70 and 100 m, heavily dependent on the environment. For longer distances the optional directional antenna set RDA 950 should be used for better operating reliability. With this, distances well above 100 m can be achieved. If the audio signal, as well as a microphone signal, applied to the first unit (e.g. CD) is to be sent to other OPERA 110 MOBILES, this can be achieved with the MS 110 set.

The optional RMS 110 master - slave set contains a directional antenna with integral transmitter for transmitting the complete audio signal from the first unit to other OPERA 110 MOBILES using a second carrier frequency. For simple connection there is both a low volt output with adjustable voltage between 3 - 12 volts and a mix output for 6.3 mm jack available.

Specifications

- 2 way bi-amplified active loudspeaker
- 12V battery or electric
- 10” Bass / 1” HF 90°x60°
- 70+20 Watt/RMS, 180 Watt/PRG
- 70-18000 Hz
- Max. SPL: 117 dB
- Integrated 16 channel UHF Diversity
- Receiver with DCS
- XLR/Jack-Input, adjustable
- Mic-/Line Input, adjustable
- Microphone presence control
- Chinch input, separately adjustable
- Mixed line out, 6.3mm jack
- Low voltage output
- with choice of 3-12V
- Dynamic soft-clip limiter
- Weight: 12 kg

MS110 Kit / MS110 PS

UHF directional Antenna, integrated transmitter with 16 switchable frequencies, for signal distribution to further Opera Mobiles.

860 M

- 860M UHF handheld,
- 16 freq. switchable

860 P

- 860P UHF pocket,
- 16 freq. switchable

Features

_ Multiplex housing
_ Easy mounting
_ Protective cover included
_ PTC driver protection
_ Versatile and robust

Technology

_ Multifunctional Housing
_ Rigging Points
_ Rotatable Horn

ARENA

The passive loudspeaker range ARENA offers high-quality 2-way enclosures and powerful subwoofers. This series can be used for many different mobile or fixed install applications due to its extensive configurations.

All high/mid units use a multipurpose housing made out of multilayer birch wood, offering a pole mount, 12 professional flypoints and a slanted backside for monitor applications. Due to the premium loudspeaker components, all units are able to handle high sound pressure levels.

They offer outstanding, specially designed constant directivity horns which are rotatable by 90°, thanks to the symmetrical shape. The low weight of the enclosures allows easy handling. All models are equipped with a black front grill with acoustic foam layer.

ARENA 8 **ARENA 10** **ARENA 12** **ARENA 15**

ARENA SW15 **ARENA SW18**

Arena 8

2-Way Passive Speaker 8“/1“ 200 W

The ARENA 8 is equipped with a 8“ woofer and a 1“ driver with a rotatable 90°x70° constant directivity horn. The unit can handle 200W/RMS power and provides sound pressure levels of up to 122dB. The ARENA 8 is recommended for speech and background music, as a very compact stage monitor or combined with the ARENA SW15 subwoofer as a small PA system.

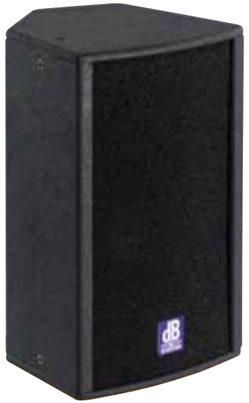
Specifications

- Power (RMS): 200 W
- Power (PRG): 400 W
- Speakers: 8” woofer,
- 1.5” coil, 1” driver
- Freq. response (-3dB): 100-19000 Hz
- SPL max.: 122 dB
- Crossover: 2100 Hz
- Dispertion Angle: 90°x70°
- Slope: 18 dB/Okt.
- Connectors (In/Out):
- 2 x Neutrik Speakon®
- Impedance: 8 Ohm
- Rigging points: 12 x M8
- Pole Mount / Handles: 35mm/ 1
- WxHxD: 270 x 458 x 270 mm
- Weight: 9,3 kg

Arena 10

2-Way Passive Speaker 10“/1“ 300 W

The 10“ woofer and the 1“ driver with rotatable 90°x70° constant directivity horn, can handle up to 300W/RMS and are able to put out up to 125dB spl. ARENA 10 offers a superb sound quality and can be used as a standard fullrange enclosure (at reduced low frequency re-production) or in combination with the ARENA SW15 subwoofer. Due to the extensive configuration and sound performance the ARENA 10 is one of a kind.



Specifications

- Power (RMS): 300 W
- Power (PRG): 600 W
- Speakers: 10” woofer,
- 2” coil, 1” driver
- Freq. response (-3dB): 95-19000 Hz
- SPL max.: 125 dB
- Crossover: 2100 Hz
- Dispertion Angle: 90°x70°
- Slope: 18 dB/Okt.
- Connectors (In/Out):
- 2 x Neutrik Speakon®
- Impedance: 8 Ohm
- Rigging points: 10 x M8
- Pole Mount / Handles: 35mm/ 1
- WxHxD: 321 x 508 x 320 mm
- Weight: 12,2 kg

Arena 12

2-Way Passive Speaker 12“/1“ 400 W

A frequency response from 80Hz to 19Khz, a 12“ woofer and a high-quality 1“ compression driver with a 90°x40° constant directivity horn, makes the ARENA 12 the top all-rounder within the series. Up to 127dB sound pressure level can be reached at 400W/RMS input power. For small venues usable as a full range enclosure but also to be driven together with ARENA SW15 or ARENA SW18 as a high-profile compact PASystem.

Specifications

- Power (RMS): 400 W
- Power (PRG): 800 W
- Speakers: 12” woofer,
- 2” voice coil, 1” comp. driver, 1.4” coil
- Freq. response (-3dB): 80 – 19000 Hz
- SPL max.: 127 dB
- Crossover: 2000 Hz
- Dispertion Angle: 90°x40°
- Slope: 18 dB/Okt.
- Connectors (In/Out):
- 2 x Neutrik Speakon®
- Impedance: 8 Ohm
- Rigging points: 12 x M10
- Pole Mount / Handles: 35mm/2
- WxHxD: 379 x 631 x 378 mm
- Weight: 17,8 kg

Arena 15

2-Way Passive Speaker 15“/1“ 400 W

Due to its powerful low frequency reproduction and a compression driver with a 1.4“ voice coil the ARENA 15 is the right choice for full range applications. It convinces with a high SPL of 129dB and the low weight of only 23.7kg guarantees easy handling. Like all ARENA-Series models the ARENA 15 provides 12 professional fly-points with metalbracings. The enclosure can be combined with ARENA SW15 and ARENA SW18 subwoofers.

Specifications

- Power (RMS): 400 W
- Power (PRG): 800 W
- Speakers: 15” woofer,
- 2.5” voice coil, 1” comp. driver, 1.4” coil
- Freq. response (-3dB): 80 – 19000 Hz
- SPL max.: 129 dB
- Crossover: 2000 Hz
- Dispertion Angle: 90°x40°
- Slope: 18 dB/Okt.
- Connectors (In/Out):
  2 x Neutrik Speakon®
- Impedance: 8 Ohm
- Rigging points: 12 x M10
- Pole Mount / Handles: 35mm/2
- WxHxD: 458 x 710 x 453 mm
- Weight: 23,7 kg

Arena Features

High-quality multifunctional housing made of 18mm multiplex coated with a robust black textured finish

Professional-grade M8/M10 threaded rigging points

Rotatable high-frequency, wide-dispersion horns painstakingly engineered for excellent performance

Subwoofer's threaded M20 base ready to accept a pole mount

Protective cover included (ARENA 8/10/12/15)

High-quality components selected for ultra precise response

Subwoofer ready to accept professional-grade casters

Professional mounting accessories optionally available

Arena Subwoofers

Arena SW15
Passive 15“ Subwoofer

The ARENA SW15 offers a 15“ woofer with a 3“ voice coil which can take a load up to 500W/RMS putting out an extraordinary SPL of 130dB at very powerful low end frequencies. It can be easily combined with ARENA10 and ARENA12 high/mid units, due to the internal passive crossover. Also possible is bi-amp operation using an external crossover unit.

Specifications

- Power (RMS): 500 W
- Power (PRG): 1000 W
- Speakers: 15” woofer, 3” coil
- Freq. response (-3dB): 40-150 Hz
- SPL max.: 130 dB
- Crossover: 150 Hz Low-Cut
- Slope: 12 dB/Okt.
- Connectors (In/Out):
- 2 x Neutrik Speakon4®, 1+1- Link
- Impedance: 8 Ohm
- Pole Mount / Handles: M20/ 2
- Dimensions (WxHxD): 470 x 600 x 600 mm
- Weight: 34 Kg

Arena SW18
Passive 18“ Subwoofer

The 4“ voice coil of the ARENA SW18 delivers powerful and accurate low frequency reproduction, down to 35Hz, at a maximum load of 600W/RMS. Sound pressure levels of up to 132dB at a crossover frequency of 150Hz, using the internal crossover make this subwoofer the professionals choice. This woofer can be easily combined with the ARENA satellite units, using just one external power amp.

Specifications

- Power (RMS): 600 W
- Power (PRG): 1200 W
- Speakers: 18” woofer, 4” coil
- Freq. response (-3dB): 35-150 Hz
- SPL max.: 132 dB
- Crossover: 150 Hz Low-Cut
- Slope: 12 dB/Okt.
- Connectors (In/Out):
- 2 x Neutrik Speakon4®, 1+1- Link
- Impedance: 8 Ohm
- Pole Mount / Handles: M20/ 2
- Dimensions (WxHxD): 565 x 700 x 700 mm
- Weight: 46 Kg

ARENA System 10-15

Passive 3-way system

Specifications

- 2 x ARENA 10
- 2 x ARENA SW15,
- Nomimal power rating 1600W/RMS

ARENA System 12-18

Passive 3-way system

Specifications

- 2 x ARENA 12
- 2 x ARENA SW18,
- Nomimal power rating 2000W/RMS

ARENA System 12-215

Passive 3-way system

Specifications

- 2 x ARENA 12
- 4 x ARENA SW15,
- Nomimal power rating 2800W/RMS

ARENA System 10-15 Powerpack

Passive 3-way system with Powerrack

Specifications

- 2x Arena 10
- 2x Arena SW15
- 1x ASX 18
- 1x HPA 1000
- 1x HPA 2800
- 2020 Watt

ARENA System 12-18 Powerpack

Passive 3-way system with Powerrack

Specifications

- 2x Arena 12
- 2x Arena SW18
- 1x ASX 18
- 1x HPA 1400
- 1x HPA 2800
- 2240 W

ARENA System 12-215 Powerpack

Passive 3-way system with Powerrack

Specifications

- 2x Arena 12
- 4x Arena SW15
- 1x DSX 2040
- 1x HPA 1400
- 1x HPA 2800
- 2940 W

HPA Amplifier
Professional Amplifier

dBTechnologies' HPA series power amps deliver high performance and quality at an astonishingly affordable price. Designed for professional use in touring racks as well as for fixed installation.

Specifications

- 4 models ranging from 2x 510 W/ RMS to 2x 1200 W/RMS at 4 ohms
- Class-(HD) technology to minimize thermal load and maximize efficiency
- Fast response and dynamic sonic image with lowest distortion factors
- Easy to configure in mono/stereo/ bridge modes
- Extensive protective circuits ensure high reliability and operating safety
- Front panel signal and clip and protect LED indicators
- Operable at 2 ohms
- Speakon connectors
- 2 HU, 19", low weight for easy transportation
- Switchable limiter

HPA 1000/1400/2800

HPA 3001L

	HPA 1000	HPA1400	HPA2800	HPA 3001L
Power output, stereo, RMS @ 4 Ohm	2x 510 W	2x 740 W	2x 1050 W	2x 1200 W
Power output, stereo, RMS @ 8 Ohm	2x 330 W	2x 440 W	2x 680 W	2x 800 W
Power output, bridged, RMS @ 4 Ohm			1x 2800 W	1x 3400 W
Power output, bridged, RMS @ 8 Ohm	1x 1020 W	1x 1480 W	1x 2100 W	1x 2400 W
Weight:	15 kg	17 kg	21 kg	14 kg

DSX 2040
2 in 4 Digital Controller

The DSX 2040 is a versatile digital controller well suited for use in mobile racks as well as for fixed installation. Featuring two inputs and four outputs, it delivers outstanding performance in combinations with widely used two-way active stereo systems made up of subwoofers and mid-/high-range units.

Specifications

- Two inputs/ four outputs
- High-performance audio converter
- Big 2x16 character LCD display and 5-segment LED meter for each channel
- 96 kHz/ 40 bit signal processing with > 115 dB dynamic range
- Parametric EQs for inputs and outputs
- X-over section and freely configurable signal routing
- 31-band graphic input EQ
- Input compressors
- Precision-adjustable digital limiter for each output
- 30 storable presets
- RS232 and USB interfaces and software for programming and exchanging data
- PC Remote software

ASX 18
2 in 4 Active Crossover

This active 2-way stereo crossover combines easy handling with premium sonic performance. Crossover frequencies can be selected by inserting various Filter cards, choosing from 80,100,200 or 250Hz. The user interface is located on the rear panel, giving maximum protection in rack installations. LF and HF signal output levels are adjustable, the LF output can be switched to Mono.

Specifications

- Active 2-Way Crossover
- variable xover frequency
- 2 x XLR-/jack-Input
- 2 x HF-XLR-Output
- 2 x LF-XLR-Output

Wireless Systems

dBTechnologies's ability to develop innovative products, in a remarkably short time is the key for an ever increasing market share and success. Since its early beginnings dBTechnologies has pioneered and specialized in wireless technology as used in professional wireless microphones.

InEar Systems

InEar-Monitoring has established new dimensions of monitoring on the big stages around the globe. Compared to conventional monitoring, InEar-Monitoring offers many advantages:
Reduced set up and soundcheck times, less transport volume and weight, plus perfect control over sound and volume to avoid damage to the ears, are just a few examples.

Apart from that the excellent control over performance, relievement for the ears due to the reduced level of loudness, and the improvement of the FOH sound with a minimum of acoustic disturbance from stage to the audience are major benefits

PU 920
Wireless UHF Microphone System

The PU 920 bases on the successful 910 series and provides improved performances like extended working range, pilot tone strength and frequency agility. The latest structure in SMD technology with components only 0.07 x 0.15 mm in size makes an excellent audio performance possible with the highest operating reliability and long battery life, due to low current consumption.

Receiver 920 R

- Diversity PLL UHF
- 16 switchable frequencies
- Robust metal 9,5“ housing
- Digital squelch control LED
- Battery status LED
- LCD display for frequency
- Signal strength and audio status
- Detachable antennas with BNC connectors
- Balanced XLR output

Handheld transmitter 920 M

- Robust metal housing
- External mirco antenna for optimised transmission
- Digital Pilot Tone control
- Single switch operation
- Battery status LED
- An average of 50% reduction of battery costs (AAA batteries) and average 8-hour operation
- TGX 58 ® Beyerdynamics capsule

Pocket transmitter 920 P

- Very compact design
- 3.5 mm, lockable
- Mini-jack connector
- Input gain control adjustable
- Peak signal LED
- Battery status LED
- Phantom power 5V

Pocket transmitter 920 G

- High input impedance design for guitars
- Very compact design
- 3.5 mm, lockable mini-jack connector
- Input gain control adjustable
- Peak signal LED
- Battery status LED

PU 860
Wireless UHF Microphone System

The PU860 UHF wireless system provides 16 switchable frequencies and convinces with outstanding sound and improved dynamics. The ergonomic ´one switch´ design allows easy handling. The integrated blue LED in the transmitter indicates clearly on/off and mute status.

Handheld Transmitter 860 M

- Compact transmitter 860 M
- Cardioid condenser capsule
- Anti-Shock-Suspension
- Lightweight housing
- Mic-Sensitivity switchable
- On-/Off-/Mute button
- LED for On and Mute status
- More than 20 hours of operation (with2 x AA Alcaline battery)
- Operation with 2 x AA-Batterie

Pocket Transmitter 860 P

- Compact transmitter 860 P
- 5V-phantom power
- Adjustable input sensitivity
- PEAK-LED
- On-/Off-/Mute switch
- Incl. controll-LED
- More than 20 hours of operation (with 2 x AA Alcaline battery)
- Operation with 2 x AA-Batterie

Receiver 860 R

- 9,5“ UHF diversity receiver
- compact and lightweight housing
- 16 switchable frequencies
- Sym. XLR-output

PU 850
Wireless UHF Microphone System

The PU850 offers latest UHF Technology and high fidelity audio performance with a modern design and easy handling. The compact half rackspace receiver is equipped with two antennas and a diversity circuitry for highest reliability. At the backside of the receiver volume and squelch can be controlled by two pots.

Handheld transmitter 850 M

- Compact transmitter 850 M
- Cardioid condenser capsule
- Anti-Shock-Suspension
- Lightweight housing
- Mic-Sensitivity switchable
- On-/Off-/Mute button
- LED for On and Mute status
- More than 20 hours of operation (with2 x AA Alcaline battery)
- Operation with 2 x AA-Batterie

Pocket transmitter 850 P

- Compact transmitter 850 P
- 5V-phantom power
- Adjustable input sensitivity
- PEAK-LED
- On-/Off-/Mute- switch
- Incl. controll-LED
- More than 20 hours of operation (with2 x AA Alcaline battery)
- Operates with 2 x AA-Batterie

Receiver 850 R

- 9,5“ UHF diversity receiver
- compact and lightweight housing
- Fixed frequency
- Sym. XLR-output

InEar-Monitoring has established new dimensions of monitoring on the big stages around the globe. Compared to conventional monitoring, InEar-Monitoring offers many advantages:
Reduced set up and soundcheck times, less transport volume and weight, plus perfect control over sound and volume to avoid damage to the ears, are just a few examples.

Apart from that the excellent control over performance, relievement for the ears due to the reduced level of loudness, and the improvement of the FOH sound with a minimum of acoustic disturbance from stage to the audience are major benefits.

IEM 600
Wireless UHF Microphone System

The new IEM600 offers 16 switchable UHF frequencies and has been updated with a high quality input stage for better dynamics and sound performance.
The extremely strong and lightweight receiver, the IEM600 R, is equipped with a 3.5mm mini jack-socket for the earphones, a volume control and an on/off/mute button with LED indication. The separate on/off button allows switching without changing the volume.

IEM 600 R In-Ear Receiver

- 16 frequencies switchable
- Volume control
- Battery Status indicator
- Soft-Squelch function
- Limiter and Kompander
- ON/OFF button
- 2 x AA Batteries

IEM 600 T In-Ear Transmitter

- 16 frequencies switchable
- 9,5“ housing
- Balanced Input
- Limiter und Kompander circuits
- Input/Peak monitoring

IEM 500
Wireless UHF Microphone System

The IEM 500 offers professional InEar Technology for users with a limited budget without compromising in professional sound and safety. This system is recommended when using two units and not many other wireless systems. The IEM 500 is easy to handle since all parameters are pre-adjusted.

IEM 500 R In-Ear Receiver

- Volume control
- Battery Status indicator
- Soft-Squelch function
- Limiter and Kompander
- ON/OFF button
- 2 x AA Batteries

IEM 500 T In-Ear Transmitter

- UHF fixed frequency
- 9,5“ housing
- Balanced Input
- Limiter und Kompander circuits
- Input/Peak monitoring

To learn more,
see the Rental & Installation catalogue
or visit www.dbtechnologies.com

DVA Series

Active, scalable line array systems equipped with **digipro®** digital amplifiers, powerful DSPs, high-quality speaker components, and network controllers for large sound reinforcement applications.

DVX Series

Active two-way loudspeaker systems equipped with **digipro®** digital amplifiers, DSP controllers, and state-of-the-art neodymium speakers and a wide range of accessories for professional users.

Arena PRO Series

Passive speaker cabinets featuring premium components and high-performance neodymium compression drivers engineered to produce high sound pressure levels and satisfy professional demands.

Rental & Installation

HPA Series Amplifiers

Suitable for mobile racks and fixed installations, dBTechnologies' HPA power amps deliver the top performance and premium quality expected by professionals.

Digital Controller

Digital controller well suited for use in mobile racks as well as for fixed installation. Featuring x-over,digital limiters, delays, paramtric EQs, it delivers outstanding performance in combinations with widely used two-way active stereo systems made up of subwoofers and mid-/high-range units.

DWS 800 Digital Wireless System

The digital wireless system DWS800 is the perfect answer to the future of the more narrow frequency bands for wireless microphone systems. Through most modern digital transmission technology, a lot more frequencies can be used in a narrow frequency band. At the same time the DWS800 offers a switching bandwidth of 470-870 Mhz, which allows a maximum of flexibility.

To learn more, see the DWS 800 catalogue
or visit www.dbtechnologies.com

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